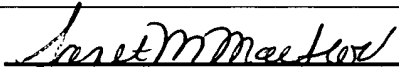


29 JUN 2006

FORM PTO-1390 (REV. 07-2005)		U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE		EXPRESS MAIL NUMBER <b>EV642786995US</b>	ATTORNEY'S DOCKET NUMBER <b>187894/US</b>
<b>TRANSMITTAL LETTER TO THE UNITED STATES</b> <b>DESIGNATED/ELECTED OFFICE (DO/EO/US) CONCERNING A</b> <b>SUBMISSION UNDER 35 U.S.C. 371</b>				U.S. APPLICATION NO. (if known, see 37 CFR 1.5) <b>10/200040</b>	
INTERNATIONAL APPLICATION NO. <b>PCT/FR2005/000070</b>		INTERNATIONAL FILING DATE <b>January 12, 2005</b>		PRIORITY DATE CLAIMED <b>January 12, 2004</b>	
TITLE OF INVENTION <b>EVOLVED MICRO-ORGANISMS FOR THE PRODUCTION OF 1,2-PROPANEDIOL</b>					
APPLICANT(S) FOR DO/EO/US <b>ISABELLE MEYNIAL-SALLES, BENJAMIN GONZALEZ AND PHILIPPE SOUCAILLE</b>					
Applicant herewith submits to the United States Designated/Elected Office (DO/EO/US) the following items and other					
1. <input checked="" type="checkbox"/> This is a <b>FIRST</b> submission of items concerning a filing under 35 U.S.C. 371. 2. <input type="checkbox"/> This is a <b>SECOND</b> or <b>SUBSEQUENT</b> submission of items concerning a filing under 35 U.S.C. 371. 3. <input checked="" type="checkbox"/> This express request to begin national examination procedures (35 U.S.C. 371(f). The submission must include items (5), (6), (9) and (21) indicated below. 4. <input checked="" type="checkbox"/> The US has been elected (Article 31). 5. <input checked="" type="checkbox"/> A copy of the International Application as filed (35 U.S.C. 371(c)(2)) a. <input type="checkbox"/> is attached hereto (required only if not communicated by the International Bureau). b. <input checked="" type="checkbox"/> has been transmitted by the International Bureau. c. <input type="checkbox"/> is not required, as the application was filed in the United States Receiving Office (RO/US). 6. <input checked="" type="checkbox"/> An English translation of the International Application as filed (35 U.S.C. 371(c)(2)). a. <input checked="" type="checkbox"/> is attached hereto. b. <input type="checkbox"/> has been previously submitted under 35 U.S.C. 154(d)(4). 7. <input checked="" type="checkbox"/> Amendments to the claims of the International Application under PCT Article 19 (35 U.S.C. 371(c)(3)) a. <input type="checkbox"/> are attached hereto (required only if not transmitted by the International Bureau). b. <input type="checkbox"/> had been communicated by the International Bureau. c. <input type="checkbox"/> have not been made; however, the time limit for making such amendments has NOT expired. d. <input checked="" type="checkbox"/> have not been made and will not be made. 8. <input type="checkbox"/> An English language translation of the amendments to the claims under PCT Article 19 (35 U.S.C. 371(c)(3)). 9. <input type="checkbox"/> An oath or declaration of the inventor(s) (35 U.S.C. 371(c)(4)). 10. <input type="checkbox"/> An English language translation of the annexes to the International Preliminary Examination Report under PCT Article 36					
<b>Items 11 to 20. below concern document(s) or information included:</b>					
11. <input checked="" type="checkbox"/> An Information Disclosure Statement under 37 CFR 1.97 and 1.98. 12. <input type="checkbox"/> An assignment document for recording. A separate cover sheet in compliance with 37 CFR 3.28 and 3.31 is 13. <input checked="" type="checkbox"/> A preliminary amendment. 14. <input type="checkbox"/> An Application Data Sheet under 37 CFR 1.76. 15. <input type="checkbox"/> A substitute specification. 16. <input type="checkbox"/> A power of attorney and/or change of address letter. 17. <input checked="" type="checkbox"/> A computer-readable form of the sequence listing in accordance with PCT Rule 13ter.2 and 35 U.S.C. 1.821 – 1.825 18. <input type="checkbox"/> A second copy of the published international application under 35 U.S.C. 154(d)(4) 19. <input type="checkbox"/> A second copy of the English language translation of the international application under 35 U.S.C. 154(d)(4). 20. <input checked="" type="checkbox"/> Other items or information: International Publication WO 2005/073364, PCT Request, PCT/IB/301, 304, 306 and 308, Claim for Priority and Statement Under 37 CFR § 1.821					

U.S. APPLICATION NO. (IF KNOWN, SEE 37 CFR 1.5) <div style="font-size: 1.5em; font-weight: bold; text-align: center;">10/585040</div>		INTERNATIONAL APPLICATION NO. <div style="text-align: center;">PCT/FR2005/000070</div>		ATTORNEY'S DOCKET NUMBER <div style="text-align: center;">187894/US</div>	
21. The following fees have been submitted: <input checked="" type="checkbox"/> a) Basic national fee (37 CFR 1.492(a))..... <b>\$300.00</b>				CALCULATIONS <b>\$ 300</b>	PTO USE ONLY
22. <input checked="" type="checkbox"/> Examination fee (37 CFR 492(c)) If the written opinion prepared by ISA/US or the international preliminary examination report prepared by IPEA/US indicates all claims satisfy provisions of PCT Article 33(1)--4)..... <b>\$0.00</b> All other situations..... <b>\$200.00</b>				<b>\$ 200</b>	
23. <input checked="" type="checkbox"/> Search fee (37 CFR 1.492(b)) If the written opinion of the ISA/US or US or the international preliminary examination report prepared by IPEA/US indicates all claims satisfy provisions of PCT Article 33(1)--4) <b>\$0.00</b> Search fee (37 CFR 1.445(a)(2)) has been paid on the international application to the USPTO as an International Searching Authority..... <b>\$100.00</b> International Search Report prepared and provided to the Office ..... <b>\$400.00</b> All other situations ..... <b>\$500.00</b>				<b>\$ 400</b>	
<b>TOTAL OF 21, 22 and 23 =</b>				<b>\$ 900</b>	
<input type="checkbox"/> Additional fee for specification and drawings filed in paper over 100 sheets (excluding sequence listing or computer program listing filed in an electronic medium). The fee is <b>\$250</b> for each additional 50 sheets of paper or fraction thereof.					
Total Sheets	Extra Sheets	Number of each additional 50 or fraction thereof (round up to a whole number)	RATE		
- 100	/50 =		x <b>\$250.00</b>		
Surcharge of <b>\$130.00</b> for furnishing the oath or declaration later than 30 months from the earliest claimed priority date (37 CFR 1.492(e)).				<b>\$</b>	
CLAIMS	NUMBER FILED	NUMBER EXTRA	RATE		
Total claims	48 -20 =	28	x <b>\$50.00</b>	<b>\$1400</b>	
Independent claims	2 -3 =	0	x <b>\$200.00</b>	<b>\$</b>	
MULTIPLE DEPENDENT CLAIM(S) (if applicable)			+ <b>\$360.00</b>	<b>\$</b>	
<b>TOTAL OF ABOVE CALCULATIONS =</b>				<b>\$2300</b>	
<input checked="" type="checkbox"/> Applicant claims small entity status. See 37 CFR 1.27. The fees indicated above are reduced by ½.				<b>\$1150</b>	
<b>SUBTOTAL =</b>				<b>\$1150</b>	
Processing fee of <b>\$130.00</b> for furnishing the English translation later than 30 months from the earliest claimed priority date (37 CFR 1.492(f)).				<b>\$</b>	
<b>TOTAL NATIONAL FEE =</b>				<b>\$1150</b>	
Fee for recording the enclose assignment (37 CFR 1.21(h)). The assignment must be accompanied by an appropriate cover sheet (37 CFR 3.28, 3.31). <b>\$40.00</b> per property				<b>\$</b>	
<b>TOTAL FEES ENCLOSED =</b>				<b>\$1150</b>	
				Amount to be refunded:	<b>\$</b>
				charged:	<b>\$</b>

U.S. APPLICATION NO. (IF KNOWN, SEE 37 CFR 1.5)		INTERNATIONAL APPLICATION NO.	ATTORNEY'S DOCKET NUMBER
10/585040		PCT/FR2005/000070	187894/US
<p>a. <input checked="" type="checkbox"/> A check in the amount <u>\$1150.00</u> to cover the above fees is enclosed. of</p> <p>b. <input type="checkbox"/> Please charge my Deposit Account No. <u>50-2054</u> in the amount of \$_____ to cover the above fees. A duplicate copy of this sheet is enclosed.</p> <p>c. <input checked="" type="checkbox"/> The Commissioner is hereby authorized to charge any additional fees which may be required, or credit any overpayment to Deposit Account No. <u>50-2054</u> A duplicate copy of this sheet is enclosed.</p> <p>d. <input type="checkbox"/> Fees are to be charged to a credit card. <b>WARNING:</b> Information on this form may become public. <b>Credit card information should not be included on this form.</b> Provide credit card information and authorization on PTO-2038.</p> <p><b>NOTE: Where an appropriate time limit under 37 CFR 1.494 has not been met, a petition to revive (37 CFR 1.137(a) or (b)) must be filed and granted to restore the application to pending status.</b></p>			
SEND ALL CORRESPONDENCE TO:		CUSTOMER NUMBER 30873	
Janet M. MacLeod Dorsey & Whitney LLP Intellectual Property Department 250 Park Avenue New York, New York 10177			
		Signature	
		June 29, 2006	
		Date	
		Name	
		35,263	
		Registration Number	

**IN THE MATTER OF an Application  
for a US patent corresponding to PCT  
Application PCT/FR2005/00070.**

I, R RYAN, do solemnly  
and sincerely declare that I am conversant with the English and French  
languages and am a competent translator thereof, and that to the best of my  
knowledge and belief the following is a true and correct translation of the PCT  
Patent Application filed under No. PCT/FR2005/00070.

**For: Evolved micro-organism for the production of 1,2-propanediol**

Date : 15 May 2006

*R Ryan*

**A.T.T.**  
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**SIGNATURE** 04 73 28 55 21  
e-mail : contact@a-t-t.fr